



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4711-043
Job Sheet 190867



Part No: D4711-043

Job Qty: 8 pcs

Part Name: Expandable Pin Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/19/19

Job Tracking No:

Due Date: 2/26/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV D IPP REV:B 12.10.16 AS PER DWG REV.A DD VERF:JFS IPP REV:C 16.01.05 AS PER DWG REV.D DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter / Supplier Lead Time	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	8 pcs		2/26/19	0.00	0.00	Purchasing - 1	FEB 28 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	8 pcs		2/26/19	0.00	0.00	Packaging 2 - 1 - B4B	FEB 28 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S157437



Part: D4711-043

Job No: 190867

Serial No/Batch: S157437

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 02/28/19

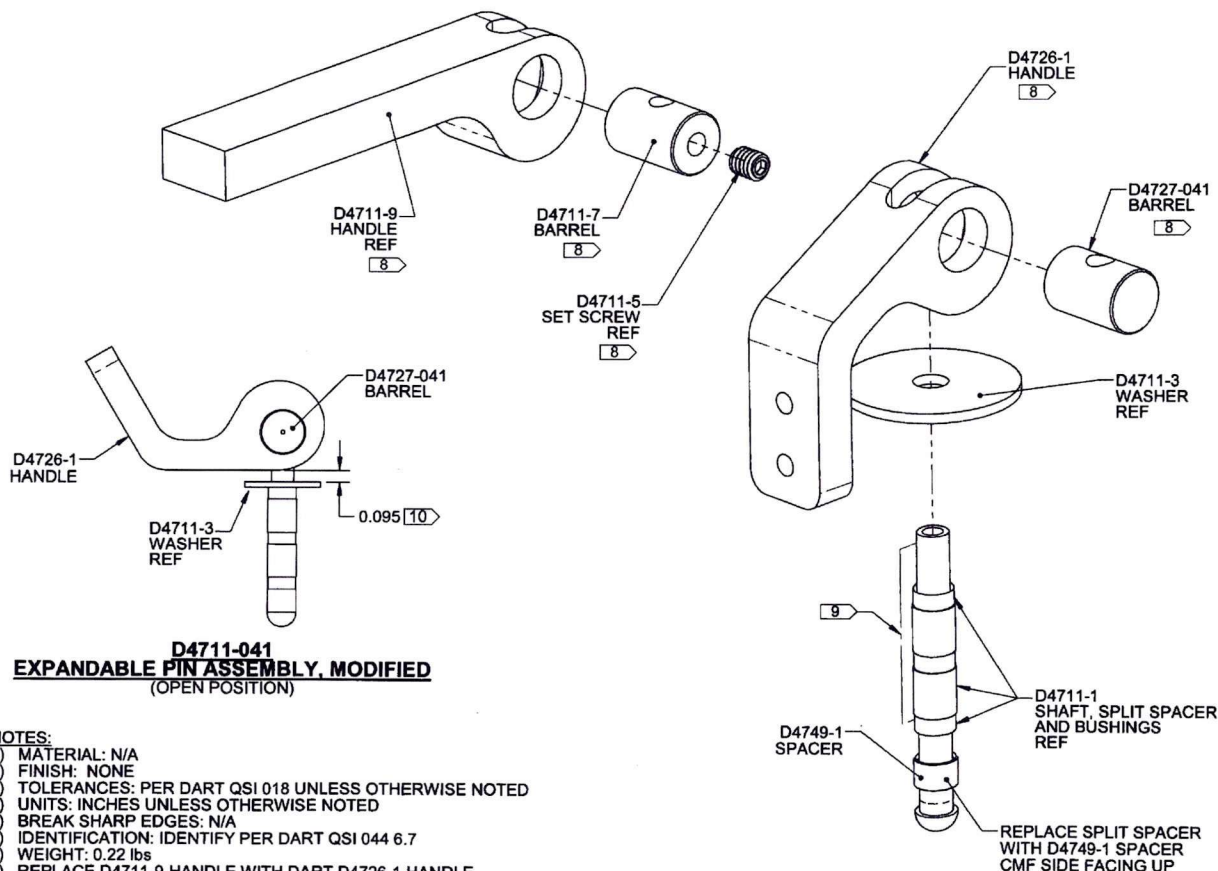
				0.00 0.00	Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	8 pcs	2/26/19	0.00 0.00	QC 6 - 42		
				QC 6 - 9		DAS
				QC 6 - 68	FEB 01 2019	68
				QC 6 - 61		9-89
130 Packaging 3-1 - Stock - B4B	8 pcs	2/26/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B		
				Packaging 3 - 25 - B4B		
				Packaging 3 - 26 - B4B		
				Packaging 3 - 27 - B4B	ST-14	ST MAR 1 2019
				Packaging 3 - 28 - B4B		
				Packaging 3 - 29 - B4B		
				Packaging 3 - 30 - B4B		
				Packaging 3 - 31 - B4B		
				Packaging 3 - 32 - B4B		
				Packaging 3 - 33 - B4B		
				Packaging 3 - 34 - B4B		
				Packaging 3 - 35 - B4B		
				Packaging 3 - 36 - B4B		
140 QC 21 - SA	8 pcs	2/26/19	0.00 0.00	QC 21 - SA - 21		DAS
				QC 21 - SA - 70		21
				QC 21 - SA - 53		2-89

Part Op 100 - (Purchasing) Issue P/O: _____ Possible supplier: Mc Master Carr Supplier P/N: 97787A661
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs)
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release) Possible supplier: QRP INC Supplier P/N: 09094-QADPC416

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
09094-QADPC416	Expandable Pin Assembly D4711-043	8 pcs (1 ea)	100-Purchasing	5157413
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	09094-QADPC416	8	0	0
Part Specifications				
Specifications could not be found.				

Plex 2/19/19 10:13 AM dart.lavoie.chantal

ITEM	QTY -041	P/N	DESCRIPTION
	X	D4711-041	EXPANDABLE PIN ASSY, MODIFIED
1	1	D4711-043	EXPANDABLE PIN ASSY
2	1	D4726-1	HANDLE
3	1	D4727-041	BARREL
4	1	D4749-1	SPACER



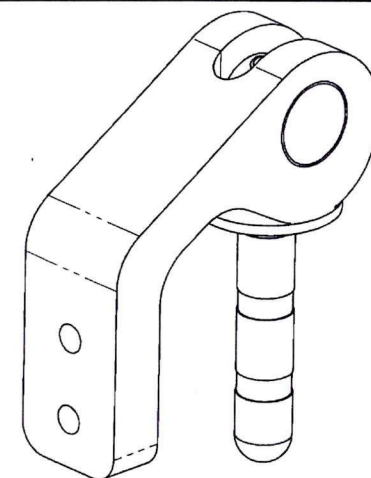
D4711-041
EXPANDABLE PIN ASSEMBLY, MODIFIED
(OPEN POSITION)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.7
- 7) WEIGHT: 0.22 lbs
- 8) REPLACE D4711-9 HANDLE WITH DART D4726-1 HANDLE.
REPLACE D4711-7 BARREL WITH DART D4727-041 BARREL.
REPLACE BOTTOM SPLIT SPACER WITH D4749-1 SPACER.
DISCARD D4711-5 SET SCREW, D4711-7 BARREL, D4711-9 HANDLE, BOTTOM SPLIT SPACER.
- 9) WHEN INSTALLING D4749-1 SPACER, ENSURE THAT ALL RETAINED SPLIT SPACERS AND BUSHINGS REMAIN IN THEIR ORIGINAL SEQUENCE AND ORIENTATION.
- 10) INSTALL THE D4711-1 SHAFT WITH THE ASSEMBLY IN THE OPEN POSITION, UNTIL A GAP OF 0.095" EXISTS BETWEEN THE D4711-3 WASHER AND THE D4726-1 HANDLE. DO NOT OVERTIGHTEN THE SHAFT INTO THE D4727-041 BARREL.

RELEASED
2016-01-05
ECN # 15-614

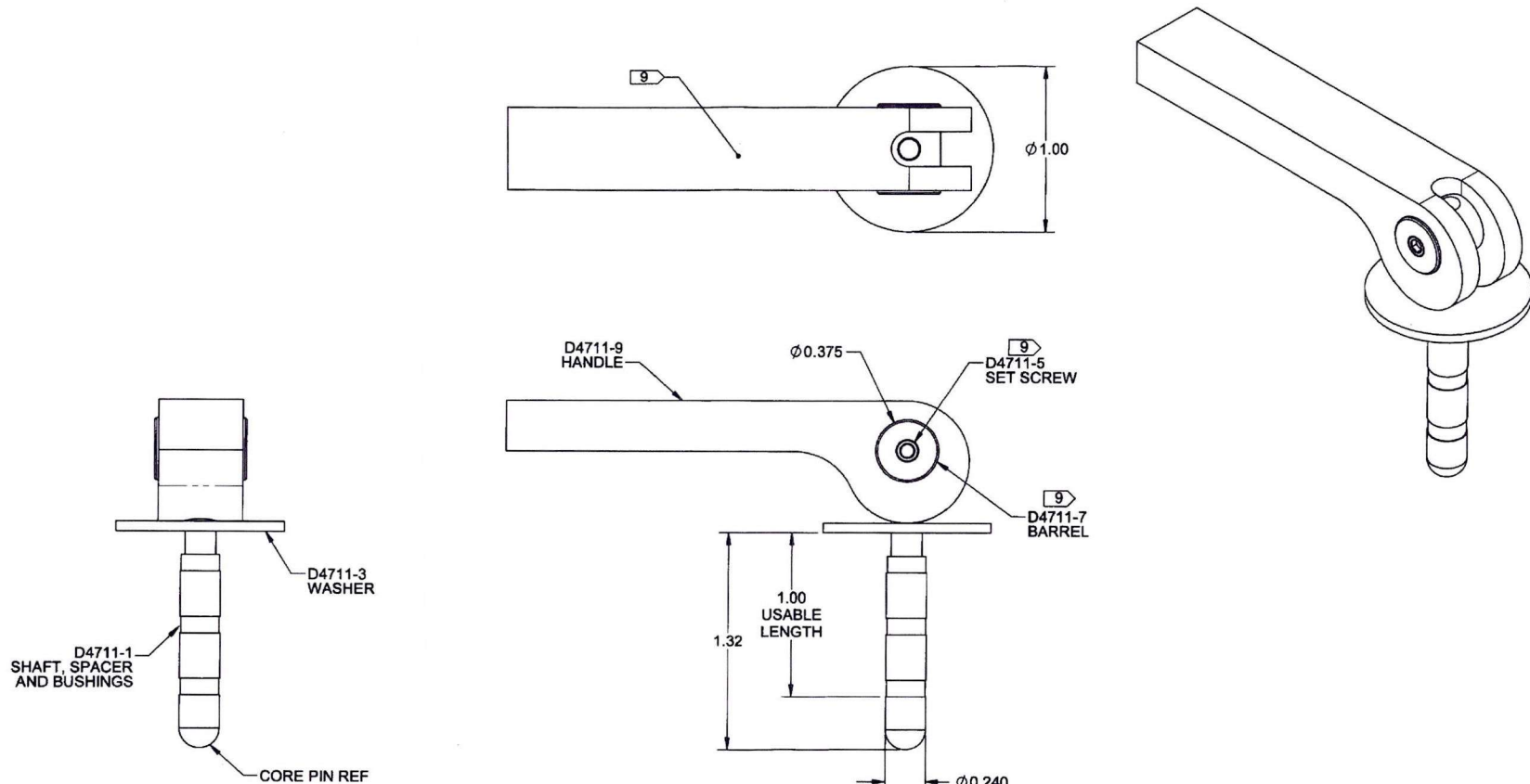
APPROVED



D4711-041
EXPANDABLE PIN ASSEMBLY, MODIFIED
(CLOSED POSITION)

D	GENERAL UPDATE: MCMASTER CARR PART NO LONGER AVAILABLE SEE PREVIOUS REVISION AND PARTS 439 FOR DETAILS. SPLIT RINGS, CORE PIN & BARREL NOW 17-4PH H900 CONDITION.	AJS	15.07.22
C	REVISED NOTE (A4-1) & NOTE 8. ADDED NOTE 10. PICTORIAL UPDATE. ADDED VIEW B8-1.	AP	13.02.12
B	ADDED D4749-1 SPACER, MODIFIED NOTES 8 AND 9	AP	12.11.23
A	NEW ISSUE	RP	12.09.19
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	DART AEROSPACE USA, INC.	
DRAWN	AJS	KENT, WA	
CHECKED	CP	DRAWING NO.	REV. D
MFG. APPR.	JLM	D4711	SHEET 1 OF 2
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	ADJUSTABLE DIAMETER PIN	NTS
DATE	15.07.22	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

SPECIFICATION CONTROL DRAWING



D4711-043 EXPANDABLE PIN ASSY

NOTES:

- 1) MATERIAL: CORE PIN, SPLIT RINGS AND BARREL: STAINLESS STEEL 17-4 PH CONDITION H900 PER AMS 5643 D
- 2) FINISH: N/A
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.17 lbs
- 8) SUPPLIER: QRP INC, 2307 MERCANTILE DR. N.E., LELAND, NORTH CAROLINA, 28451. P/N: 09094-QADPC416 D
- 9) HANDLE, BARREL AND SET SCREW TO BE DISCARDED AT NEXT HIGHER ASSEMBLY

RELEASED
2016-01-05

APPROVED

DESIGN	RP	DART AEROSPACE USA, INC.	
DRAWN	AJS	KENT, WA	
CHECKED	CP	DRAWING NO.	REV. D
MFG. APPR.	JLM	D4711	SHEET 2 OF 2
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	ADJUSTABLE DIAMETER PIN	NTS
DATE	15.07.22	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042637



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042637

PO Date: 2/19/19

Due Date: 2/22/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
FEB 19 2019

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		1376N12	3 ft long	Neoprene Rubber Strip, Adhesive-Back, 1" x 36", 1/32" Thick 50A	Firmed	-	2/22/19	6 ft	0 ft	6 ft	\$3.27/ft	\$19.62
Line Item Note 2 pcs of 3 ft												
2		16823	85195A999	Giant Swiss Arm w/o Mag. Base	Firmed	-	2/22/19	1 Ea	0 Ea	1 Ea	\$435.76/Ea	\$435.76
3		EL-PLUG-M	7216k5 1/pk color yellow	3-Prong Male Spade Plug	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$7.03/Ea	\$70.30
4	190866	6718K52		Fitting, Quick Disconnect D4182-1 : AS PER DWG D4182 REV. B	Firmed	-	2/22/19	20 pcs	0 pcs	20 pcs	\$5.64/pcs	\$112.80
5	190867	97787A661		Expandable Pin AS PER DWG D4711 REV. D	Firmed	-	2/22/19	8 pcs	0 pcs	8 pcs	\$114.68/pcs	\$917.44



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

P0042637



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
6		RB 92700-10350-041-8	90295A362 100/pk	White Nylon Washer, 0.12" ID x 0.28" OD Color: white	Firmed	-	2/22/19	400 Ea	0 Ea	400 Ea	\$0.0541/Ea	\$21.64

Rec'd 402x

FEB 28 2019

DP

Grand Total: \$1,577.56

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

CL

Plex 2/19/19 1:10 PM dart.lavoie.chantal

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042637

Order Placed By
Chantal Lavoie

McMaster-Carr Number
8207373-01

Page 1 of 1

02/19/2019

Line	Product	Ordered	Shipped
1	1376N12 Multipurpose Neoprene Rubber Strip, Adhesive-Back, with Certificate, 1/32" Thick, 50A Durometer, 1" x 36"	2 Each	2
3	7216K5 Hinged Straight-Blade Housing, Hinged, 3-Blade Plug, Grounded, NEMA 5-15, Yellow	10 Each	10
4	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	20 Each	20
5	97787A661 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length	8 Each	8
6	90295A362 Nylon Plastic Washer for Number 4 Screw Size, 0.12" ID, 0.28" OD, Off-White, Packs of 100	4 Packs	4

DAS
68
9-89

Expected to ship

2	85195A999 Giant Swiss Arm Only, 19" Total Height #16823	1 Each	1 Feb 26-Mar 4
---	--	-----------	----------------